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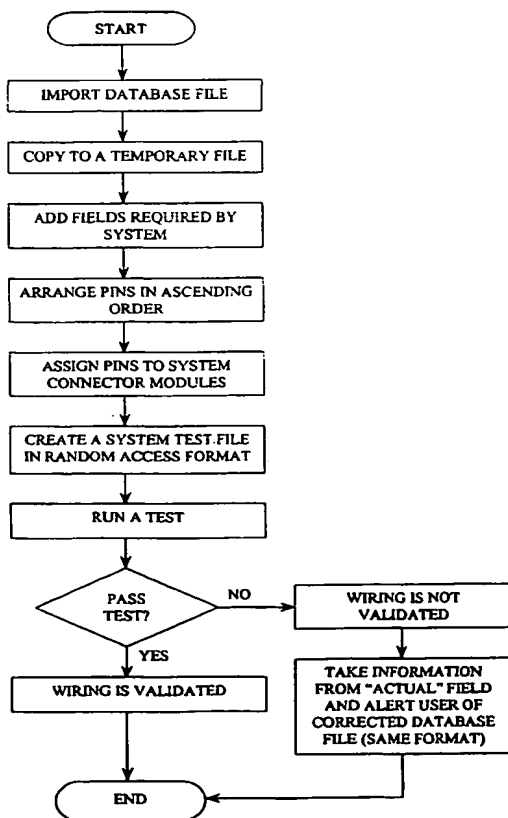
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60/198,948 **21 April 2000 (21.04.2000)** **US**
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(54) Title: **APPARATUS AND METHOD FOR VALIDATING WIRING DIAGRAMS AND CREATING WIRE LISTS**



(57) Abstract: A portable and easy to use tester for validating the accuracy of wiring diagram manuals and for testing modifications and new installations for proper wiring. The invention also provides an easy way to create a wire list describing all the interconnections between attached connectors. The tester can also be used as a troubleshooting tool without having a previously learned cable reference. The invention further tests wiring insulation in a wiring harness and identifies poor wire to wire and wire to ground insulation. Finally the present invention provides a system for generating a wiring diagram based upon the results of a wiring validation series of checks/tests.

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